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Intellectual Property Law

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C of C



Nira M. Brand  
Patent Scientist

September 6, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Title: METHOD AND APPARATUS TO CORRECT WAFER DRIFT  
Letters Patent No.: 7,008,802  
Issued: March 7, 2006  
Our Reference No.: ASMEX.282A

Dear Sir:

Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Patent Office, no fee is believed to be required. However, please charge our Deposit Account No. 11-1410 for any fees that may be incurred with this request.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP

*Nira Brand*

Nira Brand  
Registration No. 52,648  
Customer No. 20,995

**Certificate**  
SEP 14 2006  
**of Correction**

Enclosures

2849307  
081706

San Diego  
619-235-8550

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
951-781-9231

San Luis Obispo  
805-547-5580

SEP 15 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

**PATENT NO.** : 7,008,802  
**APPLICATION NO.** : 09/870,393  
**ISSUE DATE** : March 7, 2006  
**INVENTOR(S)** : Zhimin Lu

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On page 1 of the Specification, in the Title, Delete 'WATER' and insert --WAFER--, therefor.

In column 1, at line 2: Delete 'WATER' and insert --WAFER--, therefor.

In column 8, at line 14: Delete "parameters" and insert --parameter  $f_i$  --, therefor.

In column 8, at line 16: Delete " $p_1$ " and insert  $-p_i$  --, therefor.

In column 10, at line 48: Delete " $\alpha_L$ " and insert --  $\Delta_L$  --, therefor.

In column 10, at line 48: Delete " $\alpha_R$ " and insert --  $\Delta_R$  --, therefor.

In column 10, at line 51: Delete "maybe" and insert --may be--, therefor.

In column 15, at line 50, in Claim 18: Delete " $(p_1-p_1')$ " and insert -- $(p_i-p'_i)$  --, therefor.

In column 15, at line 61, in Claim 19: Delete " $I_{max}$ " and insert -- $I_{max}$  --, therefor.

In column 15, at line 61, in Claim 19: Delete " $I_{min}$ " and insert -- $I_{min}$  --, therefor.

In column 15, at line 63, in Claim 19: Delete " $I_{max}$ " and insert -- $I_{max}$  --, therefor.

In column 15, at line 63, in Claim 19: Delete " $I_{min}$ " and insert -- $I_{min}$  --, therefor.

In column 16, at line 25, in Claim 21: Delete " $\Theta_i$ " and insert -- $\Theta_g$ --, therefor.

In column 16, at line 27, in Claim 21: Delete " $\Theta_x$ " and insert -- $\Theta_g$ --, therefor.

In column 16, at line 37, in Claim 22: After "in" delete "a".

### MAILING ADDRESS OF SENDER:

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DOCKET NO. ASMEX.282A

SEP 15 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Page 2 of 2

**PATENT NO.** : 7,008,802  
**APPLICATION NO.** : 09/870,393  
**ISSUE DATE** : March 7, 2006  
**INVENTOR(S)** : Zhimin Lu

In column 16, at approximately line 47, in Claim 22: Delete "axis" and insert --axis--, therefor.

In column 18, at line 12, in Claim 35: Delete "effector," and insert --effector;--, therefor.

In column 18, at line 16, in Claim 35: Delete " $v_1^-$ ," and insert -- $v_1$ --;--, therefor.

In column 18, at line 21, in Claim 35: Delete "(c)" and insert --(e)--, therefor.

In column 18, at line 25, in Claim 35: After "system" insert --if--.

Please replace all of the informal figures with the formal figures filed on June 28, 2001 and received by the PTO on July 2, 2001 as shown on the enclosed copy of the return postcard. A copy of the formal drawings is attached hereto.

2844627  
081606

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DOCKET NO. ASMEX.282A

SEP 15 2006

**UTILITY/DESIGN PATENT** *Formal Drawings* DATE: 6/28/01  
(amend/final amend) Submission of DATE OF O.A.: \_\_\_\_\_  
Rec'd in the U.S.P.T.O. on the date stamped hereon via Certificate of Mail:  
Atty Dkt # 15max. 28219 A/N: 59/870, 393 Filed: 5/29/01  
Exr: unknown Atty: ABA Art Unit: unknown  
Applicant(s): Zhimin Lu  
Title: Method & Apparatus to Correct Wafer Drift  
VERIFIED BY: Asst: UA Quality Control: \_\_\_\_\_  
☐ Transmittal Sheet in dupl. ☐ Amendment in \_\_\_\_\_ pgs. **X**  
☐ \_\_\_\_\_ Mo. Ext. of Time in dupl. ☐ Small Entity Statement(s) \_\_\_\_\_  
☐ Req. for Drawing Changes, marked in RED ☒ Submission of Formal Drawings  
\_\_\_\_\_ pgs of Drawings Transmittal  
☐ Information Disclosure Statement;  
PTO-1449 w/ \_\_\_\_\_ Refs. ☒ **12** pgs of Formal Drawings  
☐ Issue Fee Transmittal in dupl. ☐ \_\_\_\_\_ Check for Amendment  
☐ \_\_\_\_\_ Issue Fee Soft Copies  
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☒ Return Postcard

**PTO**  
JUL 02 2001  
PATENT & TRADEMARK OFFICE

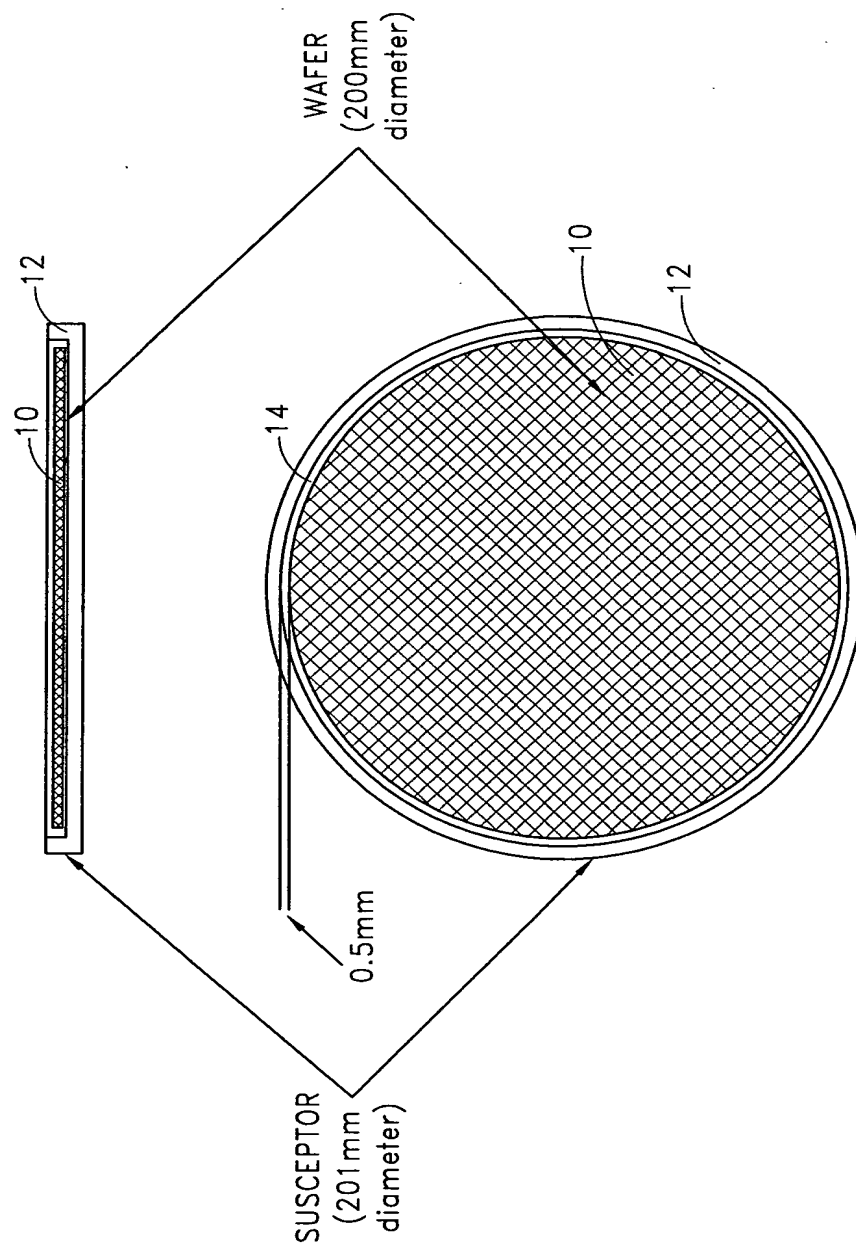
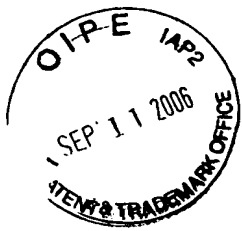


FIG. 1

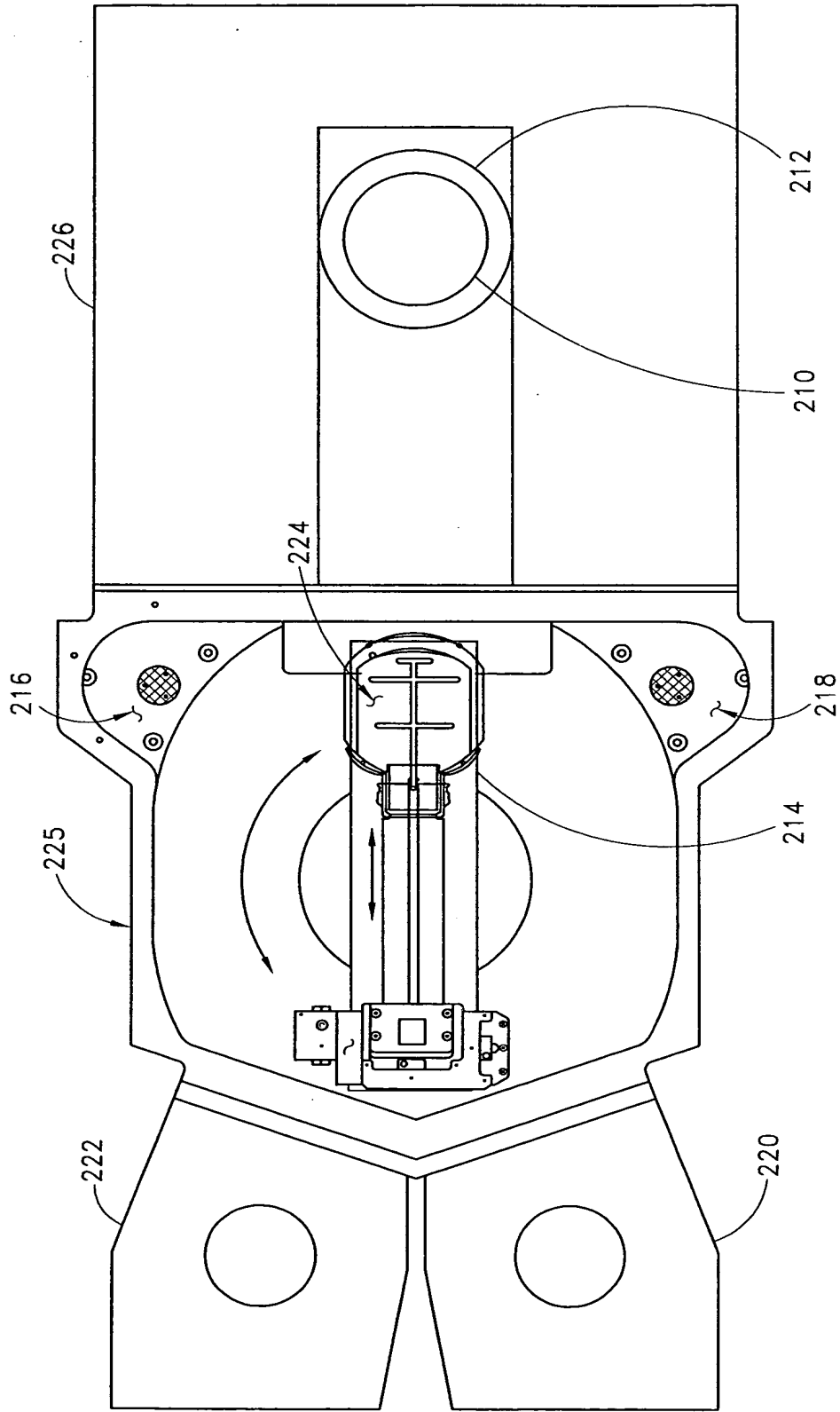
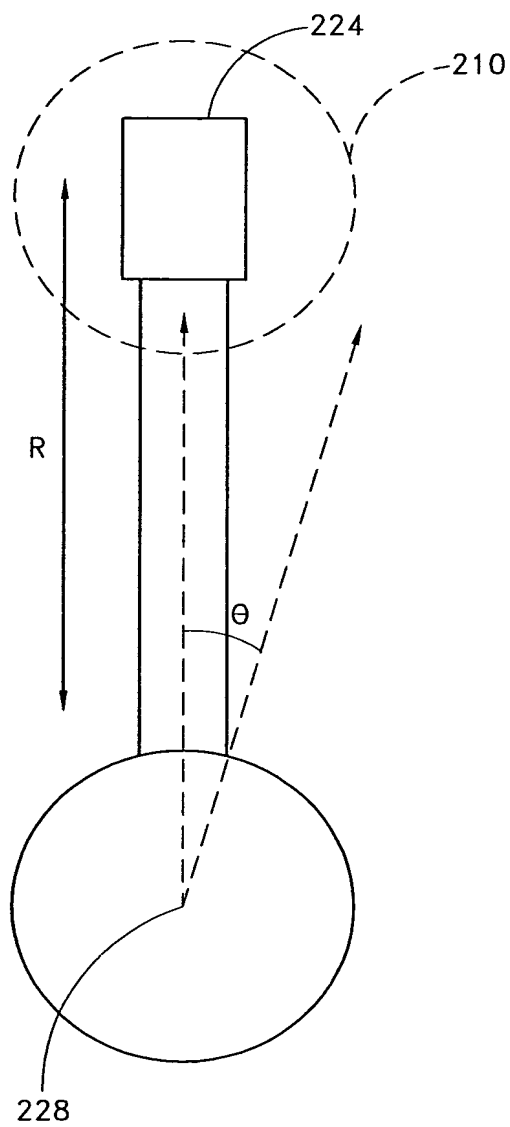
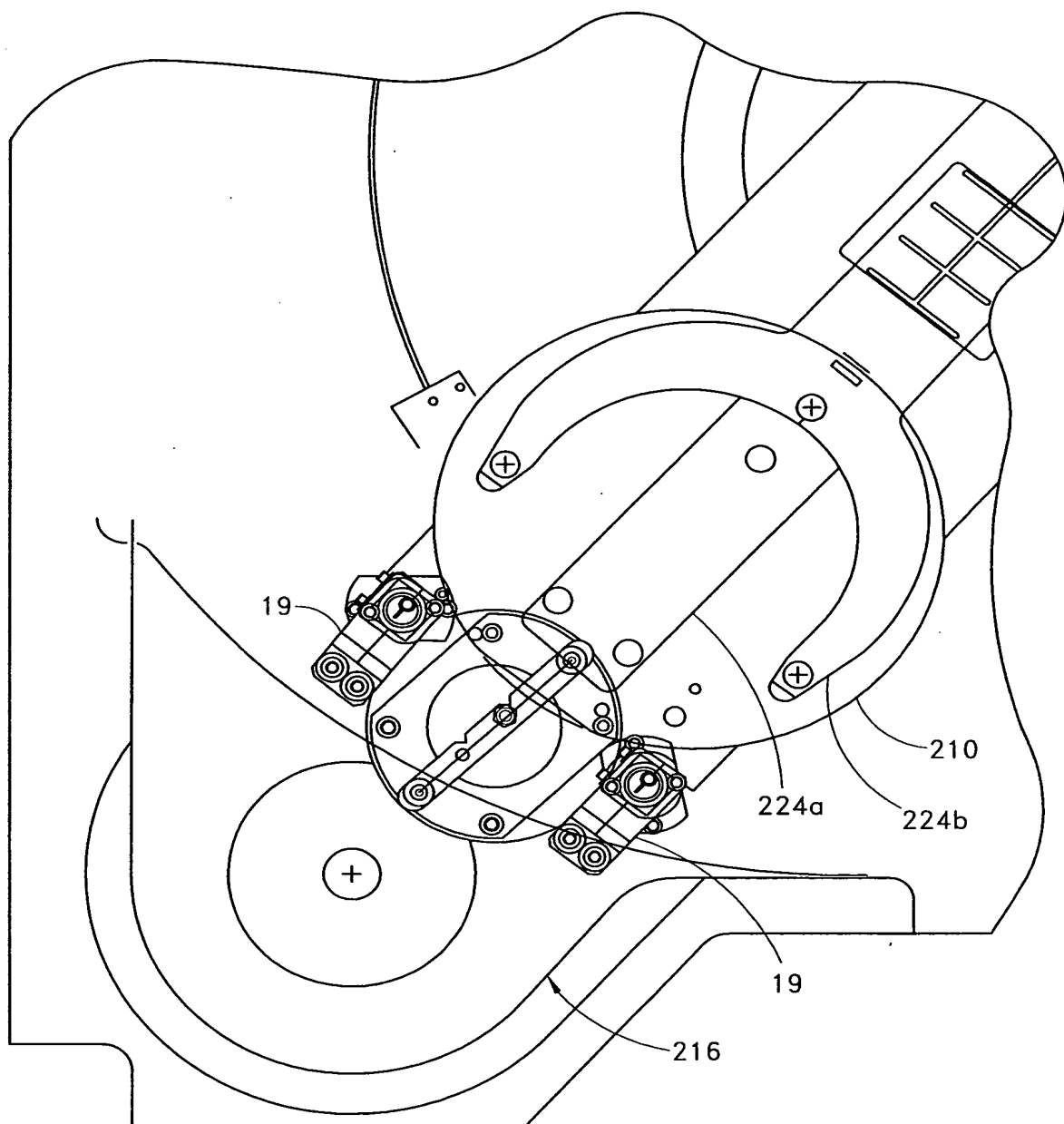


FIG. 2A

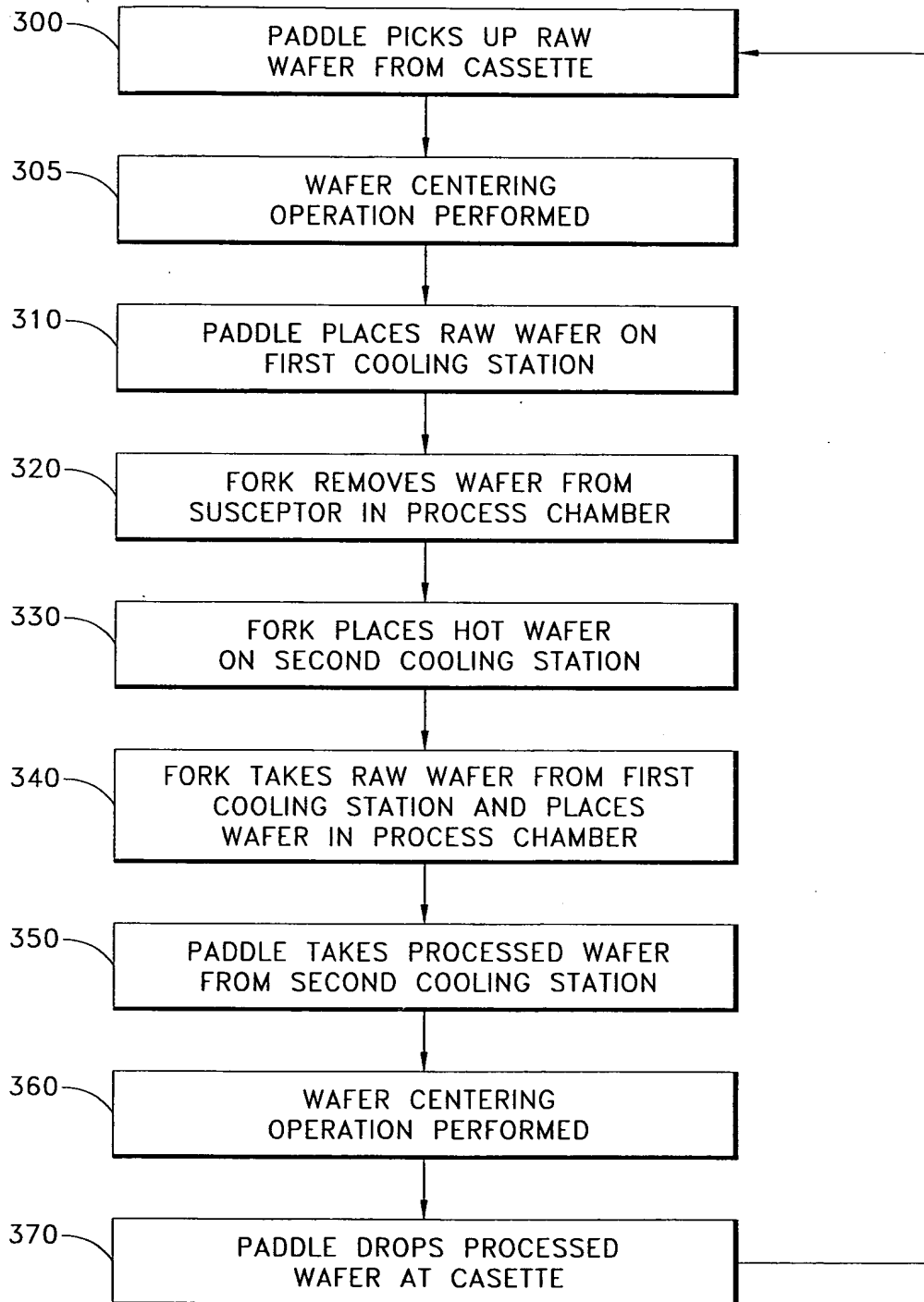


*FIG. 2B*



*FIG. 2C*





*FIG. 3*

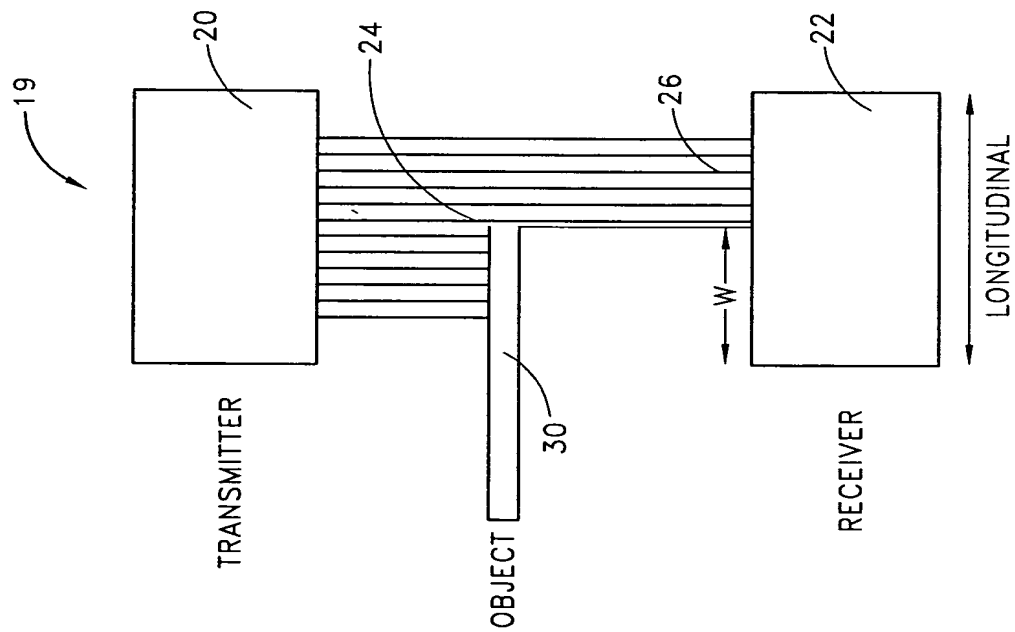


FIG. 4

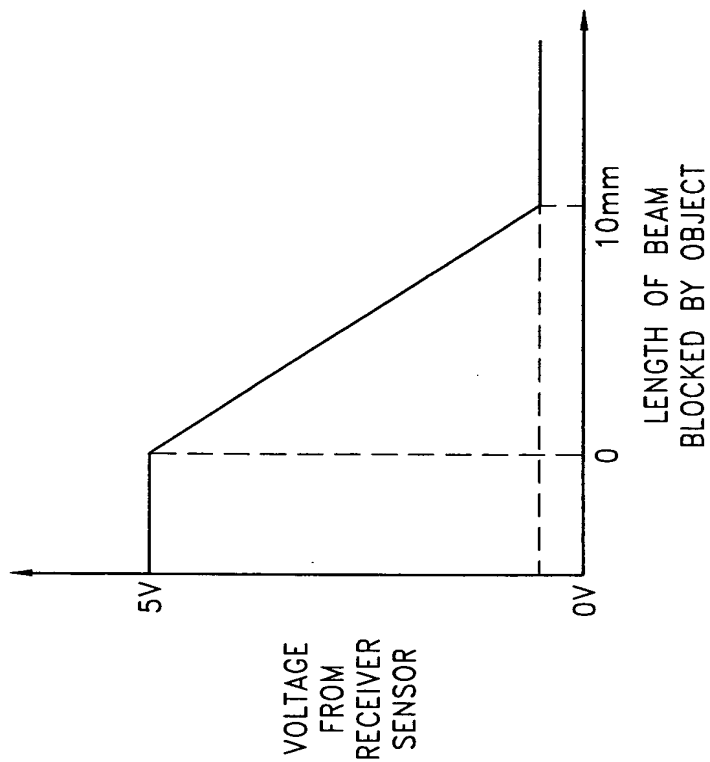


FIG. 5

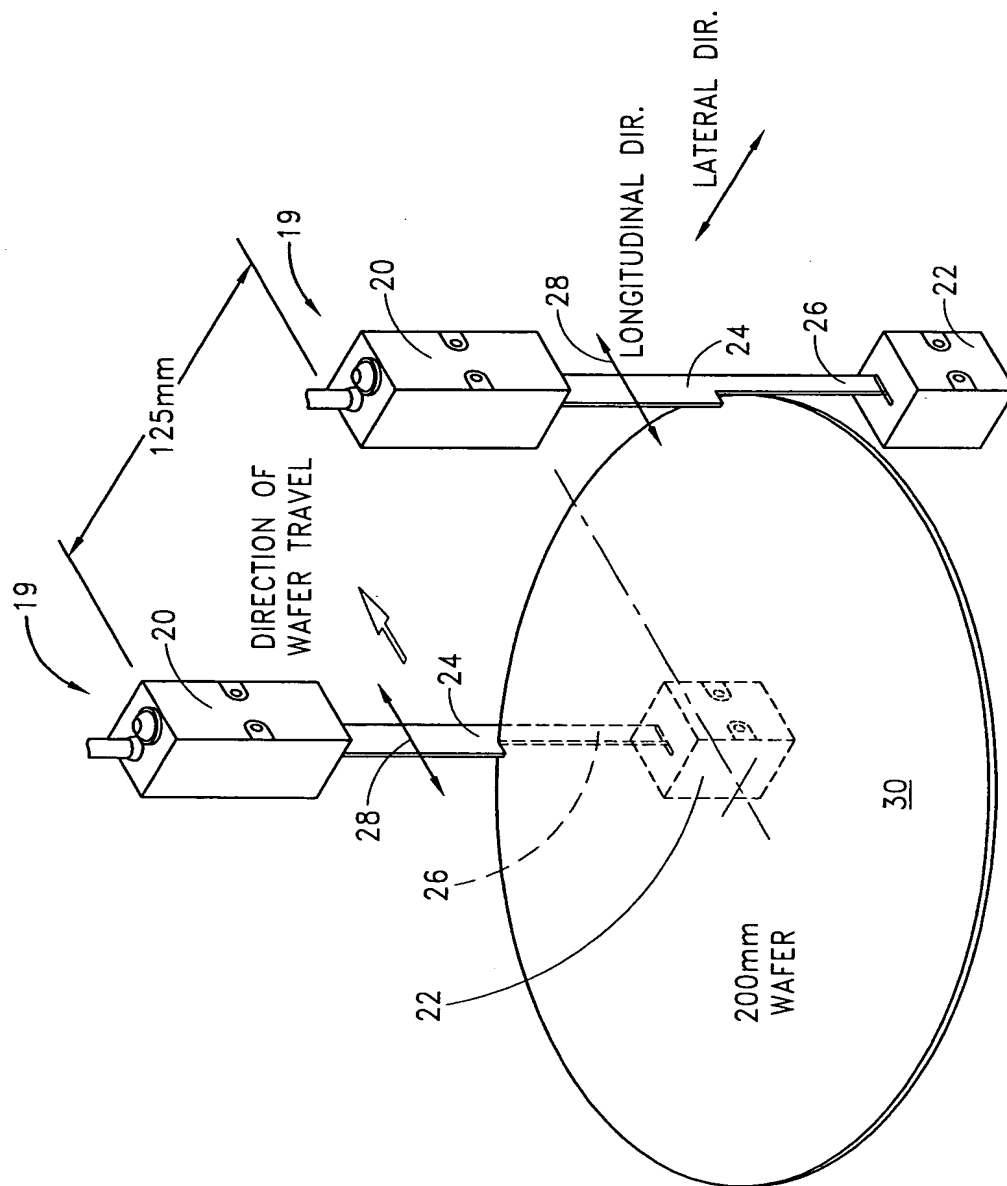
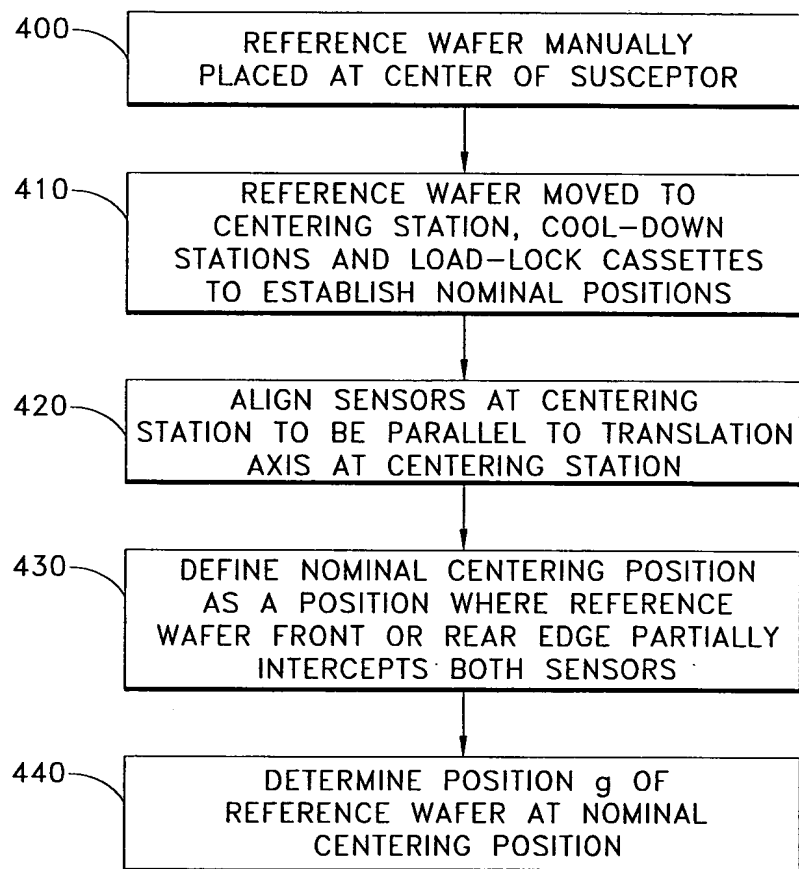


FIG. 6



*FIG. 7*

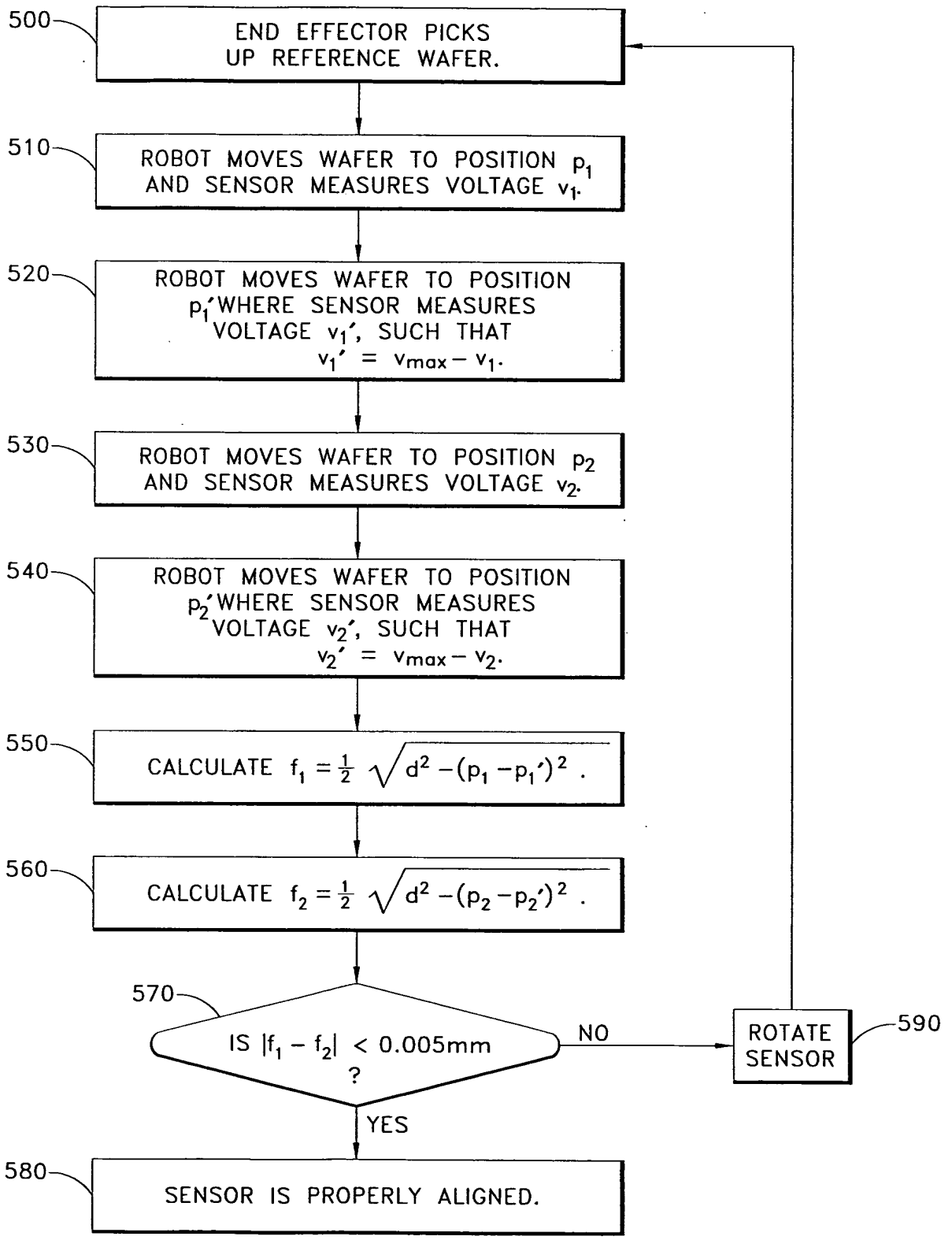


FIG. 8

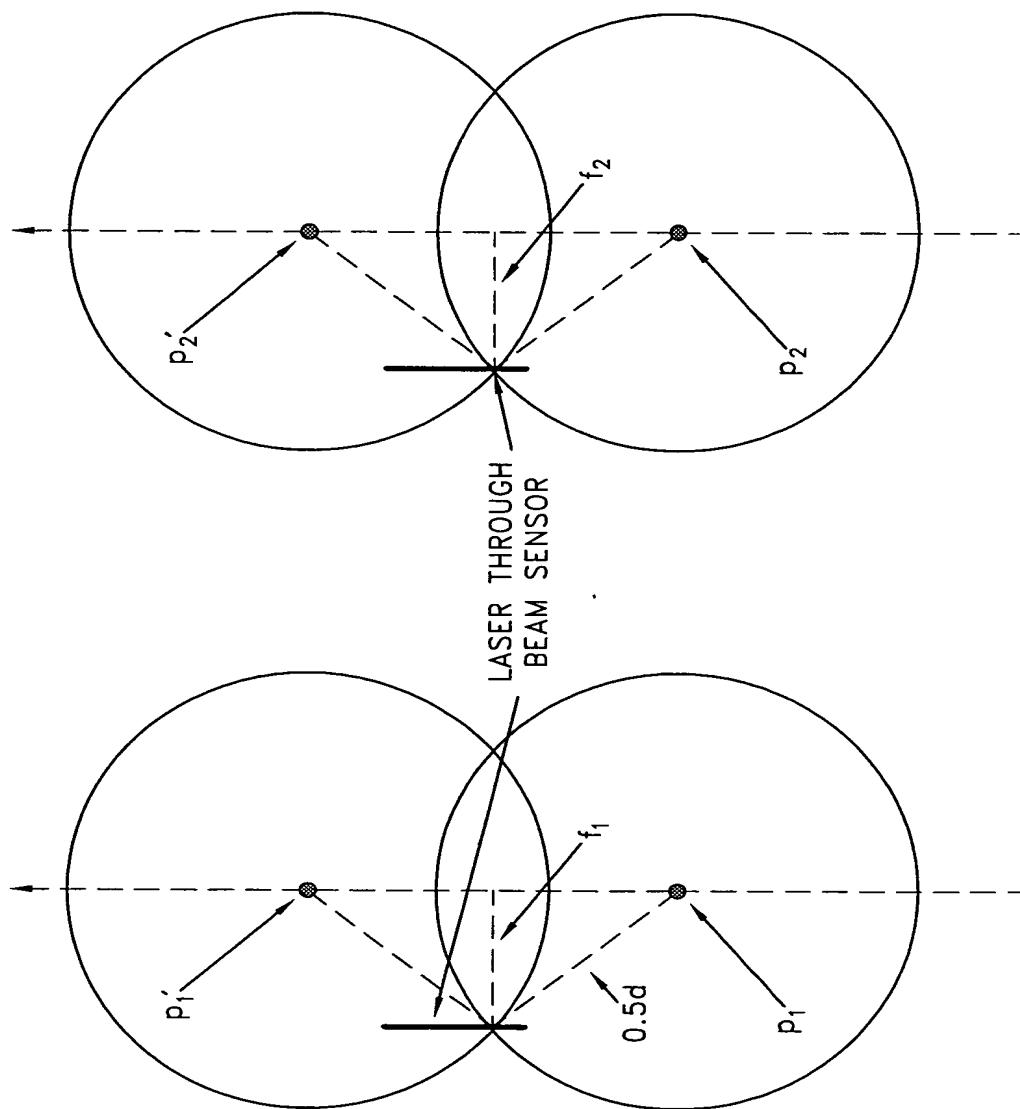
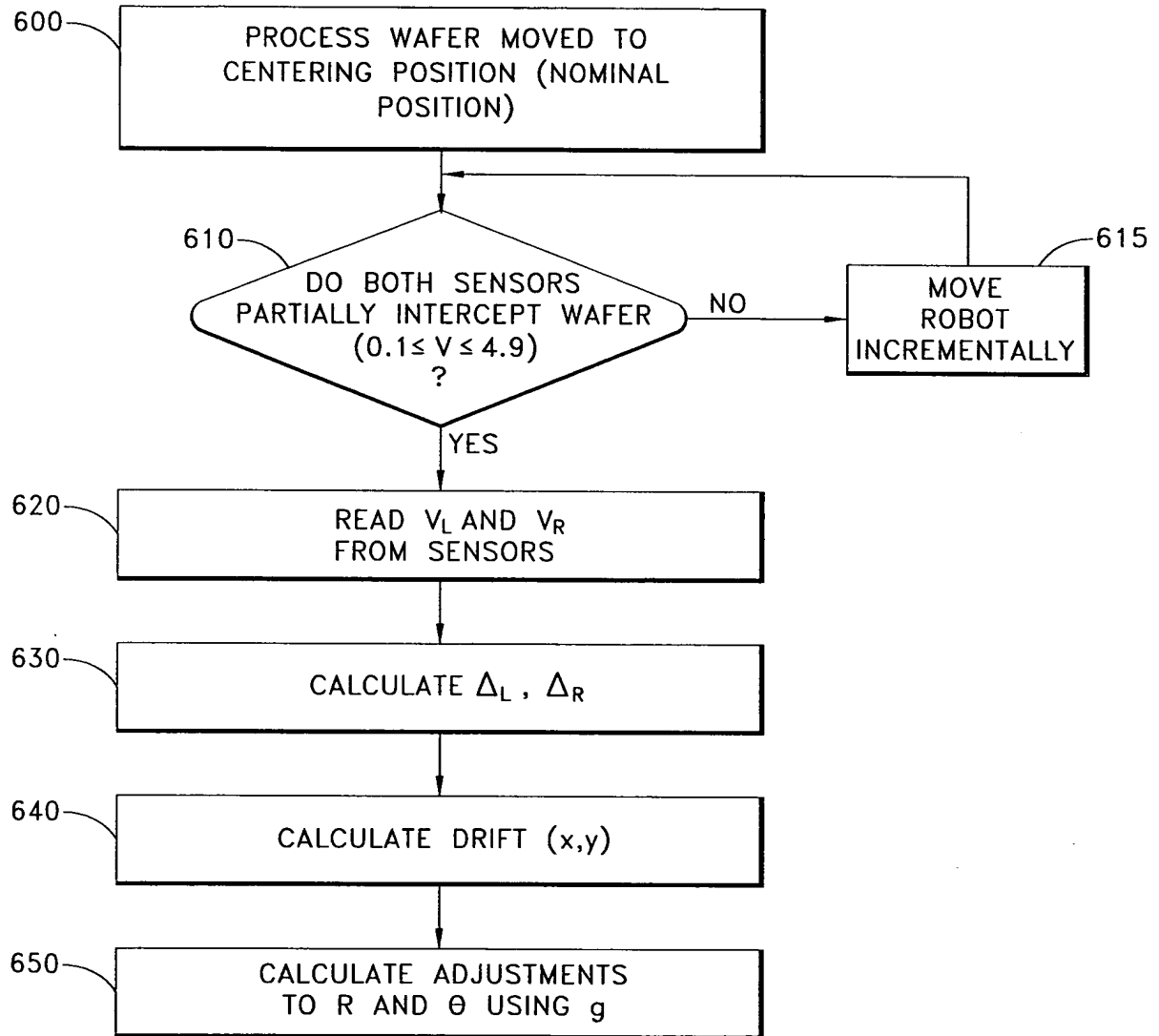


FIG. 9

FIG. 10



*FIG. 11*



# WAFER POSITION/ERROR CALCULATION

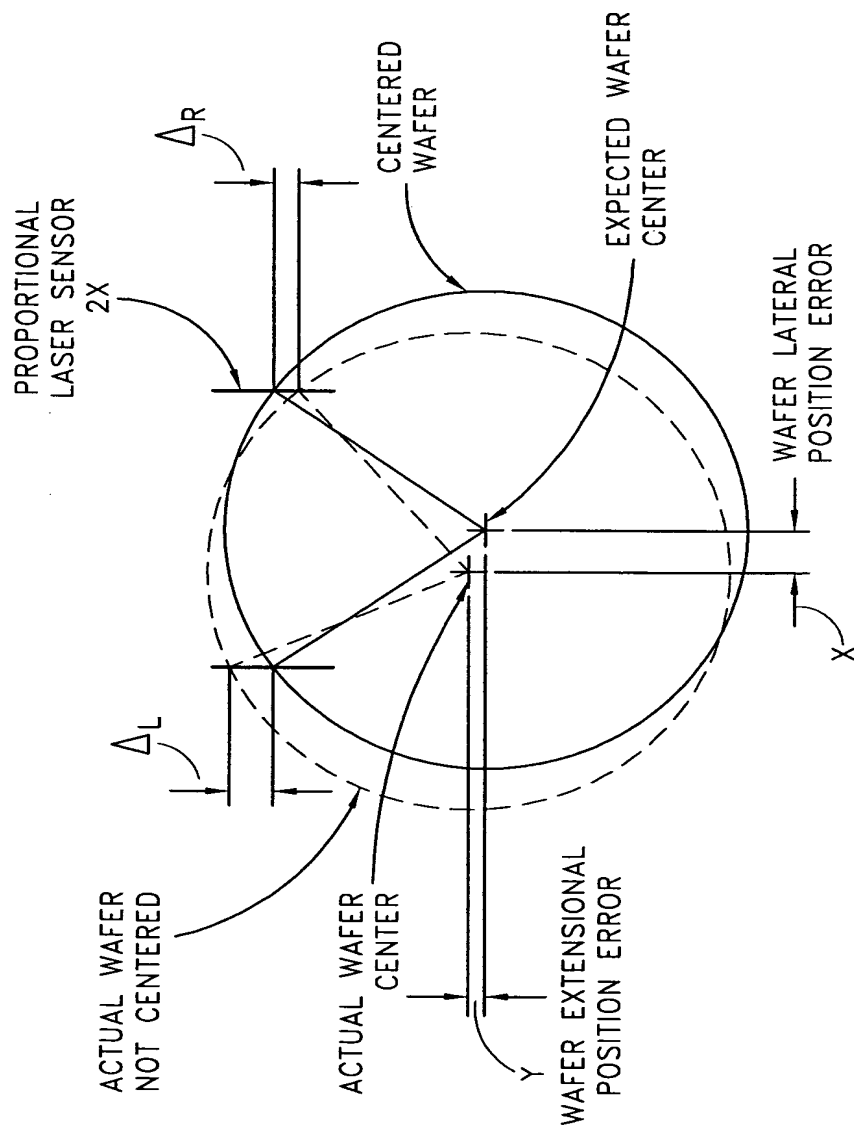


FIG. 12